U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER ASA-5384 filed June 15, 2006

APPLICATION NO (If known, see 37 CFR 1.5) **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** 3 0 C INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED INTERNATIONAL APPLICATION NO. December 16, PCT/JP2003/016120 TITLE OF INVENTION COMBUSTOR FOR GAS TURBINE APPLICANT(S) FOR DO/EO/US Satoshi DODO, Susumu NAKANO, Kuniyoshi TSUBOUCHI, Shohei YOSHIDA, Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). XX is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. عـا .11 An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 12. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. 16 A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 18.

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete. including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S.

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

19.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

The following fees have been submitted  The following fees have been submitted  21.   Basic national fee (37 CFR 1.492(a))	U.S. APPLICAT	ION NO (if known	see 37 CFR 1.50	INTERNATIONAL API	PLICATION NO.	ATTORNEY'S DOC	KET NUMBER	
Figs. 1-7, Credit Card Payment Form, International Search Report w/cited refs., List of Names of Inventors  The following fees have been submitted  The following fees have been submitted  21.   Basic national fee (37 CFR 1.492(b))  Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	•	10/3		PCT/JP2003/01	6120	ASA-5384		
21. Season antional fee (37 CFR 1.492(a))	Figs. 1-7, Credit Card Payment Form, International Search Report w/cited refs.,							
21. Search allowable (37 CFR 1.492(a))	The folio	wing fees have be	en submitted			CALCULATIONS	PTO USE ONLY	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)					\$300			
If the written opinion prepared by survival or the international preliminary examination reports by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	22. XX Exam	ination fee (37 CF	R 1.492(c))					
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPFA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)					' '		
TOTAL OF 21, 22 and 23 = 900.00  Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(l)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets	If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority\$100  International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB\$400							
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(i)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof.  RATE  36 - 100 = 0 /50 = x\$50 for for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).  CLAIMS  NUMBER FILED  NUMBER EXTRA  RATE  Total claims  9 - 20 = 0						900 00		
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).  CLAIMS  NUMBER FILED  NUMBER EXTRA  RATE  Total claims  9 -20 = 0	sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction RATE							
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).  CLAIMS NUMBER FILED NUMBER EXTRA RATE  Total claims 9 - 20 = 0	36 400-	0 /50 -			x \$250	\$ 0.00	1	
Total claims 9 - 20 = 0	Surcharge of \$130,00 for furnishing any of the search fee, examination fee, or the oath or declaration					•		
Independent claims 5 -3 = 2 x \$200 \$400.00  MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 \$0.00  TOTAL OF ABOVE CALCULATIONS = \$1300.00  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$1300.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$1300.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  TOTAL FEES ENCLOSED = \$1300.00  Amount to be refunded:  \$ \$1300.00	CLAIMS	NUME	BER FILED	NUMBER EXTRA	RATE	\$		
Independent claims 5 -3 = 2	Total claims		g - 20 =	0	× \$ 50	\$ 0.00		
TOTAL OF ABOVE CALCULATIONS = \$ 1300.00  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$ 1300.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 1300.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  TOTAL FEES ENCLOSED = \$ 1300.00  Amount to be refunded: \$	Independent clai	ms			x \$200	\$ 400.00		
TOTAL OF ABOVE CALCULATIONS = \$ 1300.00  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$ 1300.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 1300.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  TOTAL FEES ENCLOSED = \$ 1300.00  Amount to be refunded: \$	MULTIPLE DEP	ENDENT CLAIM(S	S) (if applicable)		+ \$360	\$ 0.00		
SUBTOTAL = \$ 1300.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 1300.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + 100.00  TOTAL FEES ENCLOSED = \$ 1300.00  Amount to be refunded: \$ 1300.00						\$ 1300.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 1300.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  TOTAL FEES ENCLOSED = \$ 1300.00  Amount to be refunded: \$	Applicant cla	aims small entity s	tatus. See 37 CF	R 1.27. Fees above are reduc	ced by 1/2.			
claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 1300.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  TOTAL FEES ENCLOSED = \$ 1300.00  Amount to be refunded: \$					SUBTOTAL =	\$ 1300.00		
TOTAL NATIONAL FEE = \$ 1300.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + TOTAL FEES ENCLOSED = \$ 1300.00  TOTAL FEES ENCLOSED = \$ Amount to be refunded: \$ Amount to be refunded: \$ Amount to be refunded:	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + TOTAL FEES ENCLOSED = \$ 1300.00 Amount to be refunded:				TOTA	L NATIONAL FEE =	\$ 1300.00		
TOTAL FEES ENCLOSED = \$ 1300.00  Amount to be refunded: \$	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property							
refunded:						\$ 1300.00		
Amount to be							\$	
charged \$						Amount to be charged	\$	

P10-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of impormatic pulses in a lid OMB control number.

	•					
a	A check in the amount of \$ to cover	the above fees is enclosed.				
ь. 🗆	Please charge my Deposit Account No in the am A duplicate copy of this sheet is enclosed.					
c. XX	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No A duplicate copy of this sheet is enclosed.					
d. XX	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND ALL CORRESPONDENCE TO:						
		SIGNATURE				
	I. Brundidge	Carl I. Brundidge				
1800 Diagonal Road		NAME				
	te 370	20 621				
Alex	xandria, VA 22314	REGISTRATION NUMBER				
1						
1						

4

10/582954 AP3 Rec'd PCI/PTO 15 JUN 2007 ASA-5384

## LIST OF INVENTOR'S NAMES AND ADDRESSES

1.)	Satoshi DOD	Tokyo, Japan
2.)	Susumu NAKANO	Tokyo, Japan
3.)	Kuniyoshi TSUBOUCHI	Tokyo, Japan
4.)	Shohei YOSHIDA	Tokyo, Japan
5 Ì	Yoshitaka HIRATA	Tokvo, Japan